



AMERICAN CHEMICAL SOCIETY
DIVISION OF ENVIRONMENTAL CHEMISTRY



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Upcoming Symposium and Call for Papers

Perchlorate in the Environment: Toxicological, Ecological, Analytical, Water Treatment and Site Remediation Developments in Pure and Applied Science

218th ACS national meeting
New Orleans, Louisiana
August 22-26, 1999

The discovery of perchlorate in ground and surface waters of several regions of the United States has spurred interest in both pure and applied chemistry of this inorganic anion. Because of its fairly unique chemical and physical properties, perchlorate poses challenges for analysis, remediation, and treatment. At present, a safe concentration has not been established for drinking water. This symposium will deal with the varied facets of this environmental problem. Papers on all areas of impact, including toxicology and ecology, will be considered for presentation at this symposium. Because of their significance for analysis, treatment, and remediation, papers on the fundamental chemistry of perchlorate are encouraged. In particular, work on perchlorate reduction kinetics and mechanisms for lowering the activation energy of perchlorate reduction are highly desirable. Such papers are also of interest to inorganic chemists. Papers on nitrate reductases will be considered insofar as the information can be shown to expand understanding of perchlorate reductases. There remains a need for highly sensitive and highly selective analytical techniques as well as a need for means of physically removing or chemically reducing perchlorate in source waters. Papers that deal with applied or pure science related to these topics will be considered for inclusion at this symposium. Papers relating to formulation of science policy or regulatory impact will be considered on an individual basis.

Organizers: Edward T. Urbansky and Michael R. Schock
US Environmental Protection Agency
National Risk Management Research Laboratory
Water Supply and Water Resources Division
26 West Martin Luther King Drive
Cincinnati, OH 45268



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Upcoming Symposium

**Perchlorate in the Environment:
Toxicological, Ecological, Analytical, Water Treatment
and Site Remediation Developments in Pure and Applied Science**

When: 218th ACS national meeting, August 22-26, 1999

Where: New Orleans, Louisiana

If you wish to submit a paper for presentation at this meeting, you must do the following:

1. Write an abstract for your paper on an ACS abstract form. Submit the original plus exactly four photocopies to me. Print with a laser printer using a Times font (14 point) with the title in Arial or Helvetica (14 point bold). Make sure you do not exceed the blue margins. Additional directions are printed on the abstract form. Affix postage as required.
2. Write an extended abstract as required by the Environmental Division for each presentation. Submit the original plus exactly three photocopies. See the Directions for Writers of Extended Abstracts (attached).
3. The completed ACS abstract form, extended abstract, copies, and disk must arrive by close of business on Thursday, March 25, 1999, to be considered for this symposium. Papers may not be accepted if all materials are not received by this deadline.
4. ACS abstract forms are available from the organizers. If you already indicated an interest in submitting, one has been included as part of this mailing.
5. Number photocopies lightly with a pencil in the upper right hand corner. Print on one side of the paper only. When using multiple sheets (as required for the extended abstract), do not staple the pages. Separate multiple copies with a colored or blank sheet.
6. Watch the website for current information:
<http://gemini.tntech.edu/~mjw5030/perchlor.html>

7. Send all materials and direct inquiries to

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General considerations:

1. Because this is a special symposium organized by the division, presenters need not be ACS members; however, ACS membership is encouraged and registration for the meeting as an attendee is required.
2. The exact date and time of the symposium within the national meeting will not be determined for some time, and these will be posted in the preliminary and final programs available in *Chemical & Engineering News* or on the ACS website.
3. Presenters will be informed of the number assigned to their paper and the date and time of their presentation using the standard post cards provided with the ACS abstract form. These must be sent to the organizers with appropriate postage.